

XXI. Descriptions of three new Animals found in the Pacific Ocean. By

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I. ECHENEIS lineata. TAB. 17, Fig. 1.

E. CAUDA cuneata, striis capitis decem, lineis albis utrinque duobus longitudinalibus.

Habitat in Oceano Pacifico, inter Tropicos, testudini adhærens.

The body of this fish is about five inches long; subulate, smooth, and of a dark brown colour; dotted all over with minute darker spots, and ornamented with two whitish longitudinal lines on each side, which begin at the eyes and end in the tail.

The under mandible is a little longer than the upper, and both are furnished with minute teeth. The clypeus on the top of the head has but ten transverse streaks, which is the chief distinction of this species.

B 10, P 18, D 33, V 5, A 33, C 14.

2. FASCIOLA clavata. TAB. 17, Fig. 2.

F. corpore teretiusculo annulato rugoso albido postice gibbofo.

Habitat in Oceano Pacifico, sæpiùs in ventriculo Scombri Pelamidis.

B b 2

This

This little animal is about two inches long, having a soft cylindrical body annulated with fine wrinkles; and towards the extremity it becomes spherically gibbose, ending in the anal aperture, and strongly marked with transverse *rugæ*. About two thirds of its length from this extremity, the ventral aperture protrudes; from which to the mouth it becomes very slender, and on the under side somewhat depressed.

In moving, it fastens itself alternately by the ventral aperture and its mouth, raising its slender neck between them into an arched form like a leech, and in this manner drags its body along with a slow motion.

It is of a whitish colour, somewhat pellucid, discharging at its mouth a black-coloured fluid, which can easily be perceived through its body. I have often found it in the maws of the boneto, between the Tropics, in the Pacific Ocean.

3. HIRUDO branchiata.

H. depressa attenuata albida, fetis lateralibus ramosis utrinque 7, interaneis fuscis bifidis perlucentibus.

Habitat in Oceano Pacifico, testudini adhærens.

The body, when moving, is about an inch long, of a whitish pellucid colour, soft, depressed, annulated with fine *rugæ*, and towards the head attenuated, having a row of soft pellucid branchy bristles on each side, opposite to one another, making in all seven pair. The head is small and truncated; but the other extremity is larger, round, and dilated. The entrails appear through the body, bifid, and of a dark brown colour.

This species was found in great abundance adhering to a turtle, in the Pacific Ocean, between the Tropics.